1720

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1721

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San Francisco Cal.

Chainman. H. Black

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1722

Orig X Sect Borrow Pit

July 16, 1909

Sta 1125+50 to 910

	Lt							Rt
T 1125+50								
						Continued from page 8.		
1126		2.8 / 220	2.8 / 199.8		9.7 WS / 23.7			6.6 / 70
+50								
1127		2.8 / 220	WS 9.7 / 144		5.4 / 100	7.0 / 50		6.8 / 70
+50								
1128		4.6 / 220	5.7 / 200	5.0 / 150		5.7 / 100	5.9 / 20	3.9 / 70
+50								
1129		4.8 / 220	4.9 / 170		4.1 / 150	9.9 / 110	2.9 / 80	8.6 / 70
+50								

1723

Orig. Cross Section Borrow Pit

July 16, 1907

Sta. T 1125+50 to Sta.

	Lt					Rt
T 1130	4.3 / 220	3.7 W.S. / 212	2.4 / 170	1.9 / 130	0.9 / 80	0.9 / 70
+50						
T 1131	3.9 W.S. / 250	2.4 / 220	1.1 / 170	0.5 / 124	0.1 / 84	0.9 / 70
+50						
1132	3.9 W.S. / 245	1.4 / 220	0.9 / 170	0.7 / 135	0.0 / 95	-0.1 / 70
+50						
1133	3.9 W.S. / 229	3.4 / 220	2.1 / 170	1.5 / 130.0	0.9 / 80.0	0.2 / 70
+50						
1134	4.5 / 220.0	3.9 W.S. / 183.0		3.1 / 130	2.8 / 80.0	1.6 / 70.0
+50						

1724

July. 16. 1907

Orig. X. Sect. Borrow pit — Sta. 1195+50 to Sta.

1195															
				7.5 / 220.0	6.0 / 170.0	4.7 / 120.0		3.8 / 70.0	3.6 / 80.0					6.8 / 70.0	
+70					9.6 / 220	9.2 / 200.0		7.8 / 150.0	5.6 / 100.0	6.8 / 50.0	7.2 / 0.0	7.7 / 20.0	6.1 / 30.0	8.6 / 70.0	
+78					9.7 / 220.0	8.8 / 170.0		7.6 / 120.0	6.9 / 70.0	6.7 / 20.0	6.4 / 0.0		6.4 / 30.0	6.7 / 70.0	
+91				9.4 / 220.0	7.7 / 170.0	5.8 / 120		4.0 / 70.0	4.1 / 25.0	2.9 / 20.0	4.1 / 0.0		4.8 / 45.0	5.9 / 70.0	
1196					9.1 / 220.0	7.5 / 170.0		6.1 / 120.0	6.1 / 70.0	7.8 / 30.0	1.5 / 0.0	2.9 / 10.0	4.6 / 20.0	5.0 / 50.0	6.8 / 70.0
+15					9.4 / 220.0	8.1 / 170.0		8.5 / 120.0	7.7 / 70.0	9.0 / 25.0	9.1 / 0.0	3.6 / 5.0	4.7 / 40.0	7.0 / 55.0	8.9 / 70.0
+50	11.4 / 220.0	10.1 / 170.0	9.8 / 168.0	7.0 / 145.0	8.9 / 135.0	8.4 / 120.0		6.7 / 70.0	6.3 / 43.0	1.7 / 20.0	0.0	2.0 / 30.0	5.8 / 45.0	7.3 / 70.0	
1197				10.7 / 220.0	10.2 / 200.0	9.7 / 150.0		8.0 / 100.0	7.6 / 50.0	1.0			7.8 / 20.0	8.6 / 70.0	
1198				8.5 / 220.0	7.4 / 170.0	8.1 / 140.0		7.2 / 120.0	6.3 / 70	0.				8.8 / 70.0	

1725

July. 24 07

Orig X Sections Borrow Pit

	3.267	18.792		9.525			
T 1139			Lt		C	Rt	
	9.7 / 220.		3.8 / 129	5.9 / 91.8	5.7 / 69.8	7.8 / 90	
1140	2.7 / 220.0			9.7 HS / 108.0	4.8 / 74.0	5.0 / 70	4.1 / 170
1141	2.7 / 220.0				3.2 / 76.0		8.4 / 170.0
1142	2.6 / 220.0				2.7 / 72.0		8.4 / 170.0
1143	2.5 / 220.0				2.4 / 78.0		1.9 / 170.0
1144	2.0 / 220.0				1.7 / 80.0		1.4 / 170.0
1145	1.7 / 220.0				1.7 / 80.0		1.4 / 170.0
1146	1.7 / 220.0				1.6 / 80.0		1.8 / 170.0
1147	3.2 / 220.0				3.7 / 75.0		1.8 / 170.0
1148	2.7 / 220.0				4.1 / 7.5		2.1 / 170.0

1726

Orig X. Sect Borrow Pit

July 24, 1907

					Lt	℄		Rt
T 1149	1.4 / 220.0				2.3 / 77.0			2.9 / 170.0
1150	1.6 / 220.0				1.9 / 75.0			2.1 / 170.0
1151	1.9 / 220.0				2.7 / 75.0			2.0 / 170.0
1152	1.9 / 220.0				2.8 / 77.0			2.8 / 170.0
1153	1.8 / 220				3.0 / 77.0			3.1 / 170.0
1154	1.9 / 220.0				2.5 / 77.0	2.5 / 70.0	4.0 / 120.0	4.7 / 170.0
1155	2.1 / 220.0				1.9 / 78.0	2.5 / 70.0	4.0 / 120.0	4.9 / 170.0
1156	2.1 / 220.0				2.7 / 77.0	4.8 / 70.0	5.9 / 120.0	4.4 / 170.0
1157	2.9 / 220.0	3.0 / 200.	3.9 / 150.0	5.0 / 100.0	5.4 / 77.0	7.5 / 70.0	5.9 / 120.0	4.0 / 170.0

1727

Orig X Sections of Borrow pit

	Lt				C	Rt				
T 1158	3.3/220.0	5.9/150.0	6.7/100.0	2.1/62.0		10.1/70.0	9.4/120.0	13.2/170.0		
1159	3.2/220.0	3.2/200.0	5.7/150.0	7.8/100.0	8.8/62.0	8.9/70.0	9.4/98.0	14.8/116.0	15.2/124.0	12.6/132.0	11.1/170.0
1160	3.4/220.0	3.9/200.0	4.7/150.0	6.6/100.0	7.5/66.0	14.3/72.0	14.5/80.0	5.2/105.0	6.7/170.0	
1161	4.5/220.0	4.8/170.0	4.8/120.0	5.7/70.0		18.7/62.0	19.8/70.0	5.2/100.0	4.0/170.0	
1162	4.6/220.0	5.4/180.0	4.8/134.0	4.6/84.0		14.1/60.0	13.5/80.0	4.3/82.0	3.8/170.0	
1163	3.6/220.0	3.6/175.0	4.0/125.0			13.6/47.0	5.6/66.0	3.8/100.0	3.5/125.0	5.0/170.0
1164	3.0/220.0	3.2/150.0	4.0/100.0	3.3/87.0		2.0/66.0	1.9/100.0	2.5/115.0	4.2/116.0	5.2/170.0
1165	3.2/220.0	3.1/150.0	3.2/92.0	0.0/90.0		4.3/120.0	5.2/170.0			
# 76	3.3/220.0	3.1/150.0	3.4/100.0	3.2/80.0	-3.2/70.0					

Continued on page #9

1728

Orig X. Seat of Borrow Pit

July 24, 1907.

T 1110			
1111			
1112			
1113			
1114			
1115		Continued from page 12 of this book. N.B. Note on page 12.	
1116		9.5 W.S / 124.0	9.2 / 70.0
1117		9.5 W.S / 89.0	7.9 / 70.0
1118	9.5 W.S / 185.0	6.8 / 65.0	4.3 / 70.0
1119	9.5 W.S / 171.0	6.0 / 89.0	5.6 / 70.0

1729

Orig X. Sec of Borrow Pit. July 24, 1907.

T 1120			3.5 WS / 212.0		7.4 / 185.0	6.7 / 70
T 1121	3.5 WS / 248.0	4.5 / 220.0	6.6 / 170.0	8.8 / 120	8.8 / 70.0	4.2 / 70.0
T 1122		6.3 / 220		7.5 / 172.4	6.3 / 72.4	2.2 / 70.0
T 1123		6.4 / 220		6.6 / 170	4.3 / 75.6	1.8 / 70
T 1124		5.9 / 220		6.0 / 177	3.5 / 76.8	1.9 / 70
T 1125		3.7 / 220		2.8 / 170	1.1 / 80	6.6 / 70
1126		2.8 / 220		2.8 / 189.8	3.7 WS / 83.8	6.6 / 70
1127						
1128						
1129						

Continued on page 1.

1730

Orig. X Sections of Borrow P.1 Continued from page 6.

	Lt					C		Rt		
T 1166	3.0 / 220.0	3.1 / 150.0	3.0 / 98.0	-3.2 / 96.0	-3.2 / 94.0		3.7 / 78.6	5.1 / 95.6	5.8 / 170	
+75	+3.8 / 220.0	3.1 / 150.0	3.0 / 118.0	-2.2 / 102.0		-4.8 / 90.0				
+80	-3.0 / 220.0	-2.0 / 160.0	-4.2 / 110.0	-4.7 / 90.0						
1167	-4.8 / 220.0	-3.9 / 190.0	-4.6 / 140.0	-5.0 / 90.0			4.7 / 68.0	3.2 / 71.0	3.5 / 79.0	5.4 / 87.0	5.0 / 170.0
1168	-4.5 / 220.0	-3.0 / 185.0	-4.0 / 135.0	-3.4 / 84.0			2.9 / 74.0	4.9 / 79.0	4.8 / 170.0		
+50	3.7 / 220.0	3.6 / 180.0	-3.2 / 140.0	-4.0 / 90.0		+2.8 / 55.0	2.4 / 99.0	3.1 / 170.0			

End of Borrowpit.

1731

Original Cross Sections of Borrow Pit June 8 1909

	Lt						C		Rt
I 793			10.3 / 120.0	9.9 / 160.0	4.2 / 100.0	2.2 / 70.0		4.8 / 36.0	
794		2.3 / 180.0	2.8 / 122.0	3.3 / 100.0	5.6 / 71.0	7.3 / 50.0	9.8 / 50.0	10.3 / 170	
795				4.3 / 180.0	4.3 / 150.0	3.2 / 100.0		3.0 / 50.0	
796					3.7 / 180.0	4.0 / 100.0		4.8 / 50.0	6.5 / 70.0
797					4.3 / 180.0	4.4 / 100.0		4.7 / 50.0	7.1 / 70.0
798					4.3 / 180.0	4.2 / 100.0		5.3 / 50.0	6.8 / 70.0
799					4.4 / 180.0	5.2 / 100.0		5.7 / 80.0	8.2 / 70.0

1732

Original Cross Section of Borrow Pit

	Rt.		C	Lt
II 800	4.6 / 180.0	5.8 / 100.0	7.0 / 50.0	9.5 / 70.0
801	5.0 / 180.0	6.5 / 100.0	8.1 / 50.0	10.7 / 70.0
802	6.0 / 180.0	7.8 / 100.0	9.0 / 50.0	11.2 / 70.0
803	7.0 / 180.0	8.1 / 100.0	9.4 / 50.0	11.6 / 70.0
804	7.8 / 180.0	8.6 / 100.0	9.7 / 50.0	11.7 / 70.0
805	8.2 / 180.0	8.7 / 100.0	10.1 / 50.0	12.1 / 70.0
806	9.8 / 180.0	9.6 / 100.0	11.2 / 50.0	13.2 / 70.0
807	7.9 / 180.0	10.5 / 100.0	12.4 / 50.0	10.5 / 70.0

1733

Original Cross Section of Borrow Pit.

	Lt	C		Rt	
∥ 933		5.1 / 100.0	5.1 / 150.0	5.4 / 220.0	Lm
931		4.6 / 100.0	4.1 / 150.0	4.1 / 220.0	
930		3.8 / 100.0	3.9 / 150.0	3.8 / 220.0	
929	4.8 / 70.0	5.4 / 100.0	5.4 / 150.0	5.4 / 220.0	
928	5.5 / 70.0	5.8 / 100.0	6.4 / 150.0	5.4 / 220.0	
927	6.0 / 70.0	5.8 / 100.0	5.6 / 150.0	5.4 / 220.0	
926	5.6 / 70.0	6.3 / 100.0	5.9 / 150.0	5.7 / 220.0	
925	4.2 / 70.0	6.8 / 100.0	6.3 / 150.0	5.8 / 220.0	
924	4.9 / 70.0	5.9 / 100.0	5.6 / 150.0	5.4 / 220.0	
923	5.8 / 70.0	5.4 / 100.0	5.6 / 150.0	5.6 / 220.0	
922	5.1 / 70.0	4.9 / 100.0	5.2 / 150.0	5.2 / 220.0	
921	5.6 / 70.0	4.7 / 100.0	5.0 / 150.0		
920	5.1 / 70.0	4.7 / 100.0	4.9 / 150.0		

From Sta. "D" 932+00 to "D" 11087, Snodgrass Slough, the Original Ground Line of the Borrowpit is considered regular, or smooth, and no original Cross Sections were taken. From Snodgrass Slough, Sta. "T" 1116 on, Original Cross Sections of Borrowpit continued in this book, page 7.

Line 26.09

12.165

12.400

12.6

1734

Original Cross Sections of Borrowpit.

Pages 26, 29

	Lt	C.	Rt.	
II 919	5.7 / 70	4.8 / 75.0	4.8 / 100.0	5.0 / 200
918	5.8	4.8 / 75.0	4.8	5.1
917	5.9 / 70.0	4.9 / 75.0	5.0 / 100.0	5.3 / 200.0
916	6.0 / 70.0	4.8 / 75.0	5.1 / 100.0	5.5 / 200.0
915	4.9 / 70.0	4.5 / 75.0	4.6 / 100.0	5.2 / 200.0
914	4.9 / 70.0	4.3 / 75.0	4.3 / 100.0	4.7 / 200.0
913	5.0 / 70.0	4.7 / 75.0	4.7 / 100.0	4.8 / 200.0
912	5.1 / 70.0	5.0 / 75.0	4.9 / 100.0	5.0 / 200.0
911	5.4 / 70.0	5.0 / 75.0	5.2 / 100.0	4.9 / 200.0
910	5.3 / 70.0	5.1 / 75.0	5.2 / 100.0	5.1 / 200.0
909	5.5 / 70.0	5.0 / 75.0	5.4 / 100.0	5.1 / 200.0
908	5.2 / 70.0	5.0 / 75.0	5.0 / 100.0	4.9 / 200.0
907	5.3 / 70.0	4.3 / 75.0	4.7 / 100.0	5.0 / 200.0

	Lt	C.	Rt		
II 906	4.4 / 70.0		4.6 / 75.0	4.8 / 100.0	4.9 / 200.0
905	5.3 / 70.0		4.7 / 75.0	4.8 / 100.0	4.8 / 200.0
904	Level		Tiles		

Continued from page 29 of this book.

Pages 13 To 29 Used In
Final Estimate No. 136
Vno. 158

1735

Original Cross Section of Borrow Pit Sta H 719+51' △ E.C. to H 739+42 △ E.C.

August 20, 1909

H 719+51' △ E.C.	7.8 / 40.0	8.1 / 47.0	9.0 / 50.0	9.1 / 74.0	8.1 / 79.0	8.0 / 84.0	6.8 / 87.0	6.1 / 91.0	7.2 / 92.0	7.5 / 95.0	12.6 / 103.0	13.1 / 106.0	14.4 / 109.0	14.0 / 115.0	13.0 / 120.0	10.9 / 125.0					
																	8.8 / 130.0	7.0 / 132.0	6.3 / 138.0	7.0 / 143.0	9.6 / 146.5
720	7.8 / 45.0	9.1 / 60.0	9.0 / 76.0	9.1 / 87.0	6.6 / 92.0	6.9 / 95.0	9.0 / 100.0	12.0 / 106.0	13.4 / 109.0	14.3 / 112.0	14.1 / 117.0	11.6 / 122.0	9.6 / 128.0	5.8 / 133.0	5.8 / 143.0	7.0 / 148.0	8.3 / 149.7				
+50	7.9 / 42.0	7.8 / 46.0	8.7 / 57.0	8.7 / 76.0	6.3 / 80.0	6.5 / 77.0		9.9 / 97.0	10.8 / 105.0	12.4 / 109.0	14.5 / 113.0	14.0 / 117.0	11.5 / 125.0	8.0 / 133.0	5.0 / 141.0	5.6 / 149.0	8.6 / 154.7				
721	6.8 / 49.0	8.4 / 57.0	7.8 / 75.0	7.1 / 78.0	5.7 / 86.0	4.9 / 92.0	10.2 / 104.0	13.0 / 110.0	14.3 / 113.0	14.2 / 117.0	11.3 / 125.0	10.6 / 132.0	6.1 / 139.0	4.8 / 146.0	4.9 / 152.0	7.9 / 154.3					
+50	5.7 / 44.0	8.1 / 50.0	7.9 / 73.0	5.7 / 78.0	4.8 / 88.0	5.3 / 94.0	8.3 / 102.0	10.6 / 107.0	13.1 / 113.0	14.5 / 116.0	14.0 / 119.0	11.4 / 126.0	8.6 / 131.0	6.7 / 139.0	4.7 / 146.0	4.8 / 154.0	7.2 / 157.3				
722	5.9 / 44.0	7.9 / 50.0	7.6 / 73.0	5.0 / 80.0	3.7 / 88.0	6.1 / 100.0	10.9 / 108.0	11.2 / 111.0	14.4 / 116.0	14.2 / 119.0	12.8 / 122.0	11.3 / 124.0	5.7 / 134.0	7.2 / 137.0	4.4 / 144.0	4.6 / 150.0					
																	7.2 / 160.5				
+50	4.1 / 44.0	4.6 / 47.0	5.0 / 74.0	4.8 / 80.0	5.6 / 89.0	4.0 / 94.0	8.0 / 104.0	9.5 / 108.0	10.5 / 114.0	14.5 / 118.0	14.2 / 120.0	13.0 / 124.0	10.6 / 130.0	7.6 / 137.0	5.8 / 140.0	4.4 / 150.0	5.9 / 161.0	7.7 / 162.3			

1736

Original Cross Sections of Borrow Pit

H 719+54 B.C. to H 739+64 E.C. 116

Sta.	C.																
H 723	6.9 / 45	8.0 / 48.0	7.9 / 71.0	4.4 / 72.0	4.0 / 80.0	10.0 / 109.0	10.7 / 114.0	14.5 / 119.0	14.4 / 121.5	11.8 / 127.0	8.6 / 138.0	5.8 / 146.0	4.4 / 155.0	4.6 / 162.0	8.1 / 165.0		
+50	6.4 / 44.0	7.8 / 47.0	7.5 / 71.0	5.4 / 80.0	4.4 / 86.0	4.2 / 94.0	9.1 / 100.0	10.9 / 112.0	13.6 / 116.0	15.0 / 118.0	14.6 / 120.0	12.2 / 133.0	6.6 / 145.0	4.5 / 152.0	4.8 / 161.0	7.2 / 166.0	8.0 / 167.5
724	6.9 / 44.0	7.8 / 48.0	7.2 / 74.0	4.9 / 82.0	4.2 / 88.0	4.7 / 97.0	7.8 / 104.0	10.2 / 110.0	11.2 / 114.0	14.1 / 117.0	14.8 / 120.0	14.4 / 123.0	11.5 / 134.0	9.1 / 136.0	6.6 / 145.0	5.6 / 150.0	
														4.6 / 157.0	4.3 / 159.0	4.6 / 166.0	7.3 / 169.0	8.7 / 170.5
+50	6.8 / 47.0	7.9 / 51.0	7.6 / 72.0	5.6 / 79.0	4.9 / 84.0	4.5 / 97.0		8.3 / 106.0	10.0 / 111.0	10.8 / 114.0	12.9 / 118.0	14.7 / 121.0	14.7 / 124.0	11.4 / 130.0	5.8 / 135.0	5.8 / 139.0	
														4.0 / 158.0	4.3 / 170.0	7.4 / 173.3	
725	8.2 / 48.0	7.5 / 51.0	7.7 / 73.0	5.2 / 80.0	5.2 / 89.0	4.1 / 97.0	7.2 / 105.0	9.0 / 109.0	11.5 / 117.0	13.5 / 141.0	13.5 / 128.0	11.6 / 132.0	10.0 / 137.0	6.9 / 147.0	4.5 / 154.0	3.8 / 163.0	
																4.1 / 178.0	6.5 / 175.0
+50	8.0 / 50.0	7.7 / 74.0	6.0 / 80.0	4.5 / 95.0	4.6 / 100.0	9.6 / 114.0	11.3 / 118.0	14.5 / 124.0	14.1 / 128.0	11.2 / 135.0	6.0 / 151.0	3.8 / 160.0	3.1 / 166.0	4.2 / 172.0	5.8 / 177.1		
726	12.3 / 30.0	10.1 / 36.0	6.1 / 42.1	3.5 / 50.0	3.4 / 59.0	7.9 / 75.0	9.7 / 78.0	5.5 / 96.0	5.0 / 108.1	10.4 / 114.0	12.6 / 120.0	14.3 / 124.0	14.5 / 134.0	10.9 / 138.0	5.5 / 157.0	3.9 / 167.0	3.0 / [illegible]
														5.6 / 174.0	7.2 / 178.5		

1737

Original Cross Section of Borrow Pit

Sta.	C.							Rt								
H 726+50	12.2 / 38.0	12.1 / 36.0	8.2 / 42.0	8.4 / 60.0	8.5 / 89.0	6.7 / 94.0	5.8 / 100.0	4.2 / 135.0	13.6 / 115.0	12.6 / 121.0	14.4 / 125.0	14.3 / 130.0	12.7 / 134.0	10.6 / 140.0	8.1 / 150.0	5.4 / 158.0
								4.2 / 168.0	4.7 / 172.0	6.7 / 180.0						
727	13.7 / 28.0	11.6 / 37.0	8.1 / 43.0	8.2 / 45.0	8.5 / 50.0	8.2 / 89.0	6.1 / 98.0	6.7 / 110.0	5.9 / 103.0	10.7 / 118.0	12.0 / 121.0	14.6 / 127.0	14.3 / 131.0	11.1 / 140.0	7.1 / 154.0	5.7 / 159.0	4.3 / 169.0
								5.2 / 178.0	9.1 / 181.8							
+50	13.7 / 38.0	11.9 / 37.0	8.1 / 41.0	8.2 / 48.0	8.1 / 54.0	8.4 / 61.0	8.1 / 92.0	6.9 / 100.0	6.3 / 104.0	10.5 / 112.0	12.8 / 122.0	14.6 / 127.0	14.3 / 132.0	11.4 / 141.0	7.5 / 154.0	5.8 / 160.0	4.5 / 169.0
								5.3 / 176.0	5.6 / 179.0	8.7 / 182.4						
728	12.5 / 32.0	11.7 / 37.0	8.0 / 41.0	7.8 / 51.0	8.3 / 62.0	8.2 / 93.0	7.3 / 96.0	6.7 / 97.0	6.1 / 100.0	6.7 / 106.0	10.3 / 117.0	13.2 / 125.0	14.7 / 129.0	14.6 / 133.0	12.2 / 139.0	
								6.4 / 149.0	7.4 / 154.0	6.3 / 158.0	4.7 / 165.0	4.6 / 171.0	5.1 / 176.0	5.8 / 181.0	8.6 / 188.8	
+50	11.3 / 35.0	8.1 / 42.0	7.5 / 51.0	7.8 / 63.0	7.3 / 90.0	6.0 / 96.0	5.3 / 100.0	6.6 / 107.0	9.2 / 112.0	10.3 / 118.0	13.6 / 124.0	15.0 / 128.0	14.4 / 134.0	12.4 / 140.0	7.5 / 155.0	6.0 / 161.0
								4.9 / 171.0	5.4 / 174.0	7.2 / 181.0	8.9 / 185.2					
729	11.3 / 37.0	8.1 / 40.0	7.8 / 51.0	8.0 / 63.0	7.7 / 83.0	6.7 / 96.0	5.8 / 100.0	6.6 / 106.0	9.0 / 118.0	13.3 / 124.0	15.1 / 128.0	14.8 / 132.0	13.4 / 140.0	11.7 / 146.0	7.5 / 158.0	5.9 / 164.0	5.0 / 170.0
								5.8 / 177.0	7.2 / 182.0	9.4 / 186.6						
+60	14.0 / 41.0	11.4 / 39.0	8.2 / 41.0	8.4 / 58.0	7.7 / 91.0	5.8 / 100.0	5.6 / 135.0	6.7 / 109.0	10.6 / 120.0	13.1 / 126.0	15.1 / 131.0	14.8 / 137.0	13.5 / 142.0	11.6 / 149.0	7.2 / 167.0	5.0 / 170.0
								4.8 / 175.0	5.0 / 180.0	7.3 / 184.0	9.2 / 187.4					

1738

Original Cross Sections of Borrow Pit C

H 719+51' △ E.O. to 734.

179

Sta.																		
H 730	14.2 / 31.0	11.7 / 37.0	8.6 / 41.0	8.7 / 49.0	8.6 / 62.0	8.3 / 92.0	5.7 / 100.0	5.6 / 106.0	6.5 / 117.0	10.2 / 120.0	13.5 / 128.0	14.9 / 133.0	14.6 / 137.0	12.1 / 145.0	8.4 / 156.0			
	6.3 / 164.0	5.0 / 171.0	4.9 / 176.0	5.8 / 183.0	6.9 / 187.0	8.0 / 190.5												
750	14.2 / 33.0	12.1 / 39.0	9.3 / 43.0	8.7 / 49.0	9.3 / 57.0	8.3 / 92.0	6.7 / 97.0	6.1 / 105.0	6.6 / 110.0	11.1 / 121.0	13.3 / 128.0	14.7 / 134.0	14.3 / 137.0	11.7 / 147.0	7.7 / 160.0	5.0 / 170.0	4.6 / 177.0	
	5.1 / 182.0	7.2 / 188.0	8.9 / 192.7															
731	14.9 / 31.0	13.3 / 38.0	9.5 / 42.0	7.9 / 47.0	9.1 / 58.0	8.7 / 93.0	7.0 / 97.0	5.9 / 106.0	6.7 / 110.0	11.3 / 123.0	13.5 / 130.0	14.7 / 136.0	14.6 / 139.0	11.4 / 150.0	7.5 / 162.0	4.6 / 174.0	4.1 / 179.0	
	5.0 / 186.0	6.3 / 188.0	8.3 / 192.9															
750	14.3 / 31.0	12.6 / 38.0	8.0 / 45.0	7.8 / 50.0	8.1 / 57.0	8.3 / 58.0	8.8 / 93.0	6.5 / 100.0	6.2 / 107.0	6.8 / 110.0	11.5 / 124.0	13.8 / 130.0	15.3 / 137.0	14.8 / 141.0	10.4 / 149.0			
	9.2 / 159.0	6.5 / 168.0	4.6 / 176.0	4.2 / 181.0	4.7 / 186.0	6.7 / 190.0	8.1 / 193.0	8.1 / 194.8										
732	15.0 / 29.0	14.2 / 39.0	11.2 / 38.0	7.4 / 46.0	8.2 / 54.0	9.1 / 59.0	8.6 / 94.0	6.7 / 100.0	6.2 / 107.0	6.8 / 112.0	9.3 / 118.0	11.5 / 122.0	13.8 / 131.0	15.3 / 136.0	14.7 / 142.0	11.8 / 152.0		
	9.3 / 160.0	6.5 / 168.0	4.9 / 176.0	4.7 / 182.0	5.3 / 188.0	6.6 / 191.0	8.1 / 195.0	8.1 / 197.0										
750	15.0 / 31.0	13.6 / 35.0	8.3 / 43.0	7.5 / 50.0	8.1 / 58.0	9.4 / 60.0	9.1 / 94.0	6.8 / 100.0	6.5 / 107.0	6.9 / 112.0	11.2 / 123.0	12.2 / 131.0	15.1 / 137.0	14.5 / 144.0	11.3 / 154.0	8.9 / 164.0		
	6.9 / 172.0	4.8 / 176.0	4.2 / 184.0	5.3 / 191.0	8.1 / 195.0	8.2 / 197.2												
733	14.2 / 33.0	13.0 / 53.0	8.3 / 43.0	7.9 / 54.0	8.2 / 62.0	9.2 / 63.0	9.6 / 93.0	6.9 / 100.0	6.6 / 104.0	6.8 / 114.0	10.5 / 120.0	11.6 / 124.0	14.0 / 134.0	15.0 / 138.0	15.0 / 142.0			
	13.1 / 151.0	11.5 / 155.0	6.6 / 171.0	6.1 / 178.0	4.7 / 188.0	3.7 / 184.0	4.0 / 189.0	6.6 / 193.0	9.0 / 192.0	7.9 / 201.4								

1739

Original Cross Section of Borrow Pit C

Sta. H 722+50 B.C. to H 739+50

Sta.																		
H 722+50	14.7/31.0	11.7/39.0	2.9/42.0	6.6/47.0	6.9/55.0	7.5/62.0	.90/64.0	8.8/94.0	6.8/100.0	6.1/108.0	6.5/114.0	8.7/121.0	10.7/125.0	13.7/136.0	14.4/139.0	14.6/142.0		
							13.1/149.0	11.4/157.0	6.5/162.0	6.9/165.0	3.6/181.0	3.5/186.0	3.5/189.0	6.8/194.0	8.0/198.0	7.5/205.5		
724	9.7/35.0	7.4/42.0	6.4/44.0	6.5/49.0	7.4/58.0	8.7/67.0	8.0/78.0	6.9/100.0	5.9/104.0	5.7/110.0	5.7/114.0	10.4/125.0	12.4/134.0	14.5/139.0	14.8/144.0	11.6/153.0		
												9.7/166.0	8.5/177.0	3.6/180.0	3.8/187.0	3.7/191.0	5.9/195.0	7.6/200.0
																		7.4/205.9
+50	9.7/41.0	6.4/46.0	2.9/49.0	8.4/65.0	9.7/97.0	6.1/100.0	5.4/106.0	5.3/114.0	10.8/126.0	12.1/134.0	14.4/139.0	14.8/143.0	10.8/152.0	7.0/157.0	4.9/177.0			
												3.5/181.0	3.2/187.0	3.5/192.0	6.0/196.0	7.2/200.0	7.1/205.2	
725	6.3/47.0	6.5/56.0	4.9/67.0	7.0/100.0	6.0/102.0	4.4/109.0	7.6/115.0	9.6/127.0	14.4/137.0	14.1/144.0	8.9/164.0	3.6/180.0	3.3/187.0	4.8/203.0	5.4/210.0			
																6.6/210.7		
+50	7.2/42.0	6.0/53.0	6.3/60.0	7.6/70.0	6.5/100.0	4.8/104.0	4.0/111.0	4.4/117.0	8.8/120.0	14.3/140.0	14.1/144.0	7.2/167.0	5.0/176.0	3.5/184.0	3.2/191.0			
														6.0/208.0	6.5/212.8			
726	6.9/46.0	5.4/51.0	5.2/62.0	7.2/69.0	7.5/94.0	6.2/100.0	4.0/105.0	4.0/117.0	8.3/127.0	14.4/144.0	13.5/147.0	7.3/166.0	5.8/174.0	3.6/183.0	3.3/191.0			
														8.1/191.6	4.5/214.5			
+50	5.4/50.0	5.2/61.0	7.0/69.0	6.4/100.0	4.2/104.0	4.0/118.0	9.1/129.0	14.5/147.0	14.2/148.0	7.8/166.0	4.0/183.0	3.5/200.0	5.1/219.7					

1740

Original Cross Sections of Borrow Pit

Sta.	C.																			
H 737	5.1 / 49.0	4.9 / 61.0	7.1 / 70.0	7.0 / 78.0	6.5 / 100.0	3.9 / 105.0			3.9 / 117.0	9.0 / 129.0	12.6 / 140.0	14.5 / 144.0	14.6 / 148.0	11.0 / 158.0	5.9 / 174.0	3.7 / 188.0				
																	3.7 / 200.0	5.4 / 215.0	6.0 / 216.5	
+50	5.1 / 47.0	4.9 / 59.0	7.3 / 71.0	6.8 / 79.0	6.2 / 102.0	4.0 / 106.0	3.7 / 116.0		9.2 / 130.0	10.5 / 146.0	11.3 / 157.0	6.1 / 172.0	3.6 / 186.0	3.7 / 200.0	5.3 / 217.0	7.1 / 218.4				
738	5.6 / 44.5	4.1 / 51	4.2 / 62.	7.3 / 72	7.0 / 78	6.3 / 103	4.1 / 107	3.8 / 119	8.6 / 131	14.6 / 145	14.4 / 151	11.3 / 159	5.8 / 176	3.7 / 186	3.6 / 200	5.4 / 209	7.2 / 220.8			
+50	4.0 / 62	6.8 / 70	7.9 / 95	6.0 / 103	5.9 / 103	4.4 / 107			4.1 / 120	8.7 / 132	11.3 / 139	14.4 / 147	14.2 / 152	11.1 / 162	6.0 / 178	3.7 / 190	3.2 / 200	3.9 / 206	5.0 / 210	6.5 / 215	5.5 / 210	7.0 / 228.8
739	4.0 / 55.0	4.9 / 61.0	7.9 / 75.0	7.8 / 94.0	5.9 / 102.0	4.4 / 105			4.1 / 120.0	8.4 / 131.0	11.9 / 144.0	14.0 / 158.0	14.2 / 162.0	11.2 / 160.0	6.6 / 178.0	3.5 / 189.0	3.0 / 200.0	3.6 / 216.0		
																	4.8 / 202.0	7.1 / 204.1		
+50	4.1 / 51.0	4.1 / 63.5	10.5 / 77.0	10.2 / 90.0	5.8 / 100.0	4.6 / 102.5			3.0 / 119.0	8.5 / 135.0	14.9 / 150.0	13.5 / 165.0	9.3 / 170.0	5.1 / 184.0	3.4 / 200.0	4.8 / 224.5	6.7 / 226.0			
+543.0	4.6 / 50.0	4.5 / 64.0	10.8 / 77.0	10.8 / 97.0	6.5 / 100.0				4.2 / 103.0	8.9 / 120.0	8.4 / 132.5	14.8 / 151.0	14.2 / 164.5	10.3 / 168.0	5.2 / 184.0	3.1 / 200.0	4.0 / 207.0	4.4 / 207.9		

P.E.D.

1741

Cross Sections of Cross Levee 30°0' Left of H 940+03.8° △ B.C.T.3. 121 Right

H 940+03.8° △ B.C.T.3

0+0.0 △ 30°0.0' Rt

August 26, 1929.

0+36	4.9 / 50°	5.8 / 41.5	7.7 / 26°	9.9 / 18°	10.4 / 12.5	13.3 / 8°	14° / 26°	12.8	10.2 / 4.5	6.8 / 11.0	5.4 / 15°	4.8 / 50	
0+63	5.2 / 50.0	6.6 / 36.0	9.8 / 24.0	12.1 / 15.5	14.5 / 9°	14.3	13.8 / 4°	7.8 / 17.5	5.4 / 30.0	5.1 / 50.0			
0+74	13.0 / 50°	13.8 / 34°	14.8 / 18°	14.6	14.8 / 6.0	12.6 / 25°	10.7 / 50.0						
0+87	13.0 / 50°	13.9 / 35.0	14.2 / 8°	14.8	15.1 / 3.0	13.8 / 13.5	12.6 / 24.0	11.1 / 43.5	10.7 / 50.0				
1+00	8.2 / 50.0	9.1 / 27.0	11.0 / 12.5	13.3 / 10°	14.2 / 3°	18.4	15.8 / 3.0	12.0 / 10.5	9.1 / 30.0	5.0 / 50.0	4.9 / 43.0	4.4 / 50.0	
1+21	7.7 / 50°	7.8 / 38.0	7.9 / 28.5	9.1 / 22.0	12.8 / 10.5	14.8	15.1 / 4.5	8.9 / 14.0	4.6 / 27.5	4.8 / 38.0	5.1 / 50.0		

1742

	Lt								@	Rt					
1+41°	5.5 / 70.0	6.5 / 50.0	5.8 / 40.0	6.8 / 24.0	9.8 / 20.0	11.8 / 9.5	13.2 / 4.0		13.9	14.8 / 4.0	14.9 / 7.0	12.2 / 12.8	9.6 / 20.0	8.8 / 39.0	9.5 / 58.0
+51°	5.5 / 58.0	6.4 / 38.5	7.2 / 53.0	6.7 / 50.0	4.5 / 45.0	5.8 / 39.0	5.9 / 28.0	10.6 / 11.0	13.5	14.0 / 6.0	14.5 / 18.4	13.5 / 15.0	13.4 / 42.0	14.2 / 58.0	
	4.7 / 70.0														
+54.5	Same as for 1+672 on the left.								13.5	13.8 / 4.0	14.8 / 3.0	14.4 / 18.5	13.9 / 32.0	14.1 / 50.0	
+89	7.0 / 55.0	6.3 / 54.0	3.4 / 50.0	2.9 / 43.5	3.6 / 37.0	6.1 / 27.0	9.7 / 17.5	14.2 / 8.0	14.2	14.0 / 2.0	9.1 / 13.5	6.1 / 21.0	4.4 / 30.5	3.9 / 44.0	3.8 / 58.0
	4.9 / 61.0	9.7 / 67.0													
2+28	6.4 / 66.0	3.8 / 62.5	3.1 / 5.3	4.7 / 74.0	6.1 / 37.0	9.8 / 26.5	14.3 / 12.0	14.2 / 1.0	11.4	9.8 / 3.0	5.8 / 15.5	3.9 / 23.0	3.0 / 31.0	3.9 / 47.3	5.4 / 49.5
	7.2 / 87.0	5.1 / 71.0	4.2 / 80.0												

1743

892	-3.5 / 280°	-2.9 / 230.0	-1.6 / 180.0	-0.2 / 120.0
893	-3.5 / 280	-2.2 / 230	-1.6 / 180.0	+0.1 / 120.0
894	-3.1 / 280°	-1.7 / 230°	-0.5 / 180°	+0.8 / 120.0
895	-1.9 / 280.0	-0.4 / 230°	1.5 / 180°	-0.5 / 120.0
896	-1.6 / 280.0	-1.0 / 230°	[illegible]	
897	[illegible]			
898				
899				

1744

Original Cross Section				Notes of Borrowpit.
"D" 734	7 4/150	7 4/100	7 5/61 9	℄
735	7 9/150	7 8/100	7 4/61 6	Continued from Book of Office No 44, page 6.
736	8 1/150	7 9/100	7 8/61 6	
737	9 0/150	8 4/100	8 4/61 3	
738	9 2/150	9 3/100	8 7/60 8	
739	8 5/150	8 6/100	8 4/60 7	
740	7 9/150	8 1/100	8 0/61 3	
741	7 7/150	7 6/100	7 8/61 5	
741+60	7 9/150	7 5/100	7 3/75	6 8/50
+75	13 3/150	13 3/100	13 5/50	13 8/50
+80	13 0/150	12 9/100	13 1/50	13 0/50
+90	9 2/150	8 8/100	9 3/50	9 5/50
742	7 5/150	7 5/100	7 6/60	7 1/50
+11	4 7/150	4 9/100	5 1/50	5 7/50

Pages 23 To 27 Used In Final Estimate No 144

1745

			℄
742+50	5-1/150	4-2/100	4-1/50
+60	6-3/100	6-6/50	4-4/50
D743	5-6/100	5-1/62-2	5-7/50

Borrowpit, Sta. "D" 744 to "D" 773, Original ground considered smooth or regular, and no Original Cross Sections taken. Borrowpit, Original Cross Sections, Sta. "D" 774 on, continued in Book, Office No 8, page 61.

1746

Original Cross Section Notes of Borrowpit.

Sta. 843-862 Copied from Book of "Cross Sections of Dredger San Francisco, Coronado and No 5", Office No 9, page 71-72.

"D" 843 (Continued from Book of Office No 8, page 66)	-2.3 / 370	-3.9 / 300	-3.4 / 200	-3.3 / 150	-3.4 / 100	-3.5 / 100
844	-2.3 / 370	-3.4 / 300	-3.7 / 200	-3.6 / 150	-3.6 / 100	-3.6 / 100
845	-2.5 / 370	-3.2 / 300	-3.4 / 200	-3.4 / 150	-3.4 / 100	-3.6 / 100
846	-2.7 / 370	-3.1 / 300	-3.0 / 200	-2.7 / 150	-3.1 / 100	-3.2 / 100
847	-2.4 / 370	-4.1 / 300	-4.0 / 200	-3.4 / 150	-2.0 / 100	-3.0 / 100
848		-3.2 / 370	-4.1 / 300	-4.0 / 200	-4.2 / 100	-3.7 / 100
849	-3.0 / 370	-1.4 / 300	-1.2 / 250	-1.8 / 200	-2.9 / 100	-3.3 / 100
850	+2.2 / 370	+2.3 / 300	+2.4 / 250	+2.5 / 200	+2.0 / 100	-1.0 / 100
851	+2.2 / 370	+2.4 / 300	+2.4 / 250	+2.0 / 200	-0.2 / 100	-1.5 / 100
852	+3.0 / 410	+1.9 / 300	+1.7 / 250	+1.9 / 200	-1.0 / 100	-2.0 / 100
853	+2.9 / 410	+0.8 / 300	+1.0 / 250	-0.1 / 200	-2.0 / 100	-2.8 / 100
854	+2.3 / 410	+1.9 / 300	+1.8 / 250	-0.6 / 200	-3.2 / 100	-3.7 / 100
855	+2.0 / 410	+0.3 / 300	+0.1 / 250	-2.0 / 200	-3.6 / 100	-3.7 / 100
856	+2.0 / 410	-1.0 / 350	-3.4 / 300	-3.5 / 250	-3.8 / 100	-4.1 / 100

1747

Original Cross Sections of Lawson

II 857		+2.0 / 410	-1.0 / 350	-3.9 / 300	-4.0 / 250	-4.1 / 100		-4.3 / 100
858	-2.2 / 410	-3.0 / 350	-4.1 / 300	-4.0 / 250	-4.2 / 100			-4.0 / 100
859			-3.2 / 410	-4.0 / 300	-3.7 / 250	-4.1 / 100		-3.7 / 100
860			-3.2 / 410	-4.0 / 300	-3.6 / 250	-3.7 / 100		-2.8 / 100
861			-3.2 / 410	-3.2 / 300	-3.3 / 250	-3.2 / 100		-3.7 / 100
862		-3.0 / 410	3.4 / 300	-3.3 / 200.0	-2.6 / 100			+0.6 / 100
863		-3.7 / 410.0	-3.7 / 300.	-4.0 / 200.0	-3.8 / 150.0	-3.6 / 100.0		+0.9 / 70.0	+1.0 / 100
864		-3.2 / 410.0	-3.8 / 300.0	-4.0 / 200.0	-3.6 / 150.0	-3.3 / 100.0		-1.0 / 70.0	-1.1 / 100.0
865		-3.0 / 410.0	-3.7 / 300.0	-3.8 / 200.0	-3.2 / 150.0	-3.0 / 100.0		-0.7 / 70.0	-0.4 / 100.0
866		-3.2 / 410.0	-3.8 / 300.	-4.0 / 200.0	-3.6 / 150.0	-3.4 / 100.0		-3.8 / 70.0	-3.6 / 100.0
867		-3.7 / 410.0	-3.5 / 300.0	-3.6 / 200.0	-3.5 / 150.0	-3.2 / 100.0		-3.1 / 70.0	-3.2 / 100.0
868		-3.6 / 410.0	-3.6 / 300	-3.8 / 200.0	-3.6 / 150.0	-3.5 / 100.		-3.1 / 70.0	-3.5 / 100.0
869		-4.2 / 410.0	-3.1 / 300.0	-2.9 / 200.0	-3.4 / 150.0	-3.5 / 100.		-4.0 / 70.0	-3.7 / 100.0
870		-1.8 / 410.0	-3.0 / 300.0	-3.9 / 200.0	-3.5 / 150.0	-3.4 / 150.0	-3.7 / 100.0	-4.1 / 80.0	-4.1 / 70.0	-3.6 / 100.0

Original Cross Section of Barrow Pit

"V" 871	+0.5 / 400.0	-0.2 / 370.0	-3.6 / 300.0	-3.4 / 200.0	-3.2 / 150.0	-3.1 / 100.0	-4.4 / 70.0	-4.4 / 70.0	-4.6 / 100		
872	+1.0 / 400.0	+0.2 / 380.0	-3.4 / 300.0	-3.5 / 200.0	-3.0 / 100.0	-1.0 / 70.0	-4.0 / 70.0	-4.1 / 100			
873	+1.8 / 400.0	-0.8 / 330.0	-3.2 / 300.0	-3.1 / 210.0	-3.5 / 100.0	-3.0 / 70.0	-3.5 / 70.0	-4.1 / 100			
874	+1.8 / 400.0	+0.1 / 350.0	-1.3 / 300.0	-0.4 / 200.0	-0.7 / 100.0	-0.8 / 70.0	-0.7 / 70.0	-0.4 / 100.0			
875	+1.4 / 400.0	+0.5 / 350.0	-1.0 / 300.0	-0.6 / 200.0	-1.8 / 150.0	-3.6 / 80.0	-1.0 / 70.0	-1.6 / 100.0			
876	+2.1 / 400.0	+0.6 / 340.0	-1.3 / 300	-1.0 / 200	-1.5 / 150.0	-1.8 / 100.0	-3.2 / 80.0	-2.5 / 70	-3.0 / 100		
877	+0.6 / 400.0	+0.4 / 350.0	-1.6 / 300.0	-1.4 / 200	-2.0 / 150.0	-2.0 / 100	-3.0 / 80.0	-3.4 / 70.0	-3.4 / 100.0		
878	-0.6 / 400.0	-1.8 / 300	-2.8 / 200.0	-2.3 / 100			-2.6 / 80.0	-3.8 / 70.0	-3.6 / 100.0		
879	+1.0 / 400.0	-1.0 / 300.0	+0.9 / 200.0	-0.6 / 150.0	-1.0 / 100.0		-2.0 / 80.0	-2.9 / 70.0	-3.4 / 100.0		
880	0.0 / 410.0	-1.0 / 350.0	-2.0 / 300.0	-3.4 / 200.0	+0.8 / 150.0	+1.2 / 100	1.4 / 80.0	-3.2 / 70.0	-3.2 / 100.0		
881	-2.0 / 400.0	-2.6 / 350.0	-2.0 / 300	-1.0 / 250	+0.6 / 200.0	+1.0 / 150.0	+1.1 / 100	+2.0 / 80	-2.8 / 70.0	-3.4 / 100.0	
882	-2.0 / 400.0	-2.0 / 300.0	-1.2 / 200.0	-2.0 / 150.0	-2.5 / 100.0		-2.0 / 80.0	-2.8 / 70.0	-1.6 / 100.0		
883	-1.6 / 400.0	-1.5 / 300.0	-1.5 / 200.0	-1.2 / 150.0			-2.3 / 100.0	-2.8 / 100.0			

1749

Original Cross Section of Borrow Pit

J 884	-2.2 / 400		-2.2 / 300.0	-2.8 / 200.0	-3.0 / 150	-2.4 / 100.0	-2.1 / 100.0
885	-2.2 / 400.0		-2.4 / 300.0	-2.8 / 200.0	-2.8 / 150.0	-2.4 / 100.0	-1.8 / 100.0
886	-2.4 / 400.0		-2.4 / 300.0	-2.8 / 200.0	-3.0 / 150.0	-1.8 / 100.0	+1.5 / 100.0
887	-2.4 / 400.0		-2.6 / 300.0	-2.8 / 200.0	-2.4 / 150.0	-2.0 / 100.0	+1.6 / 100.0
888	-2.8 / 400.0		-2.8 / 300.0	-2.6 / 200.0	-3.1 / 150	-2.2 / 100.0	+2.0 / 100.0
889	-3.0 / 400.0		-3.0 / 300.0	-3.2 / 200.0	-2.2 / 150.0		-1.0 / 100
890	-3.2 / 400.0		-3.2 / 300.0	-2.6 / 200.0	-2.5 / 150.0	-2.6 / 100.0	-2.3 / 100.0
891	-3.0 / 400.0		-3.0 / 300.0	-2.4 / 200.0	-2.0 / 150.0	-2.0 / 100.0	-0.7 / 100.0
892	-1.9 / 400.0	-2.4 / 350.0	-2.7 / 300.0	-1.8 / 200.0	-1.5 / 150.0	+0 / 100.0	-0.4 / 100.0
893	-2.8 / 400.0		-2.3 / 300.0	-1.7 / 250	-0.8 / 200.0	-0.5 / 150.0	0.0 / 100.0	+0.8 / 100.0
894	-2.2 / 400.0		-2.2 / 300.0	-2.0 / 250.0	-0.1 / 200.0	0.0 / 150.0	-0.0 / 100.0	-0.5 / 100.0
895	-1.9 / 400.0		-1.5 / 300.0	-0.4 / 250	+0.5 / 150.0	-0.5 / 100.0		+0.5 / 100.0
896	+1.6 / 400.0	-0.7 / 350.0	-1.6 / 300.0	-1.0 / 250.0	+1.7 / 200.0	+1.6 / 100.0		+1.6 / 100.0
897	-1.7 / 400.0	+0.9 / 350.0	+2.3 / 300.0	+2.5 / 100.0				+2.4 / 100.0

1750

Original Cross Section of Borrow Pit

898	+3.2 / 900	+3.2 / 3100		+3.2 / 700				3.2 / 100
899	+4.1 / 400.0	+4.1 / 3000		+4.3 / 700				+4.3 / 700.0
900	4.2 / 400.0	+4.3 / 300.0		+4.2 / 1000				+4.0 / 100
902	3.6 / 200	3.6 / 70.0	C	3.6 / 75.0	3.6 / 200	3.5 / 200		
901	3.6 / 300.0	-3.8 / 70.0		3.8 / 75.0	3.8 / 300.0	3.7 / 300		
903	3.5 / 300.0	3.5 / 100.0		3.4 / 100	3.5 / 300			
904	3.5 / 250	3.5 / 79						3.5 / 75	3.5 / 200

Continued in this book, page 13.

1751

S/8

Field Notes copied into Pipes and Property Lines #48, page 37

+53.5. Cor. Iron Pipe H.V.M. 8/27/12

10

9

8

7

6

5

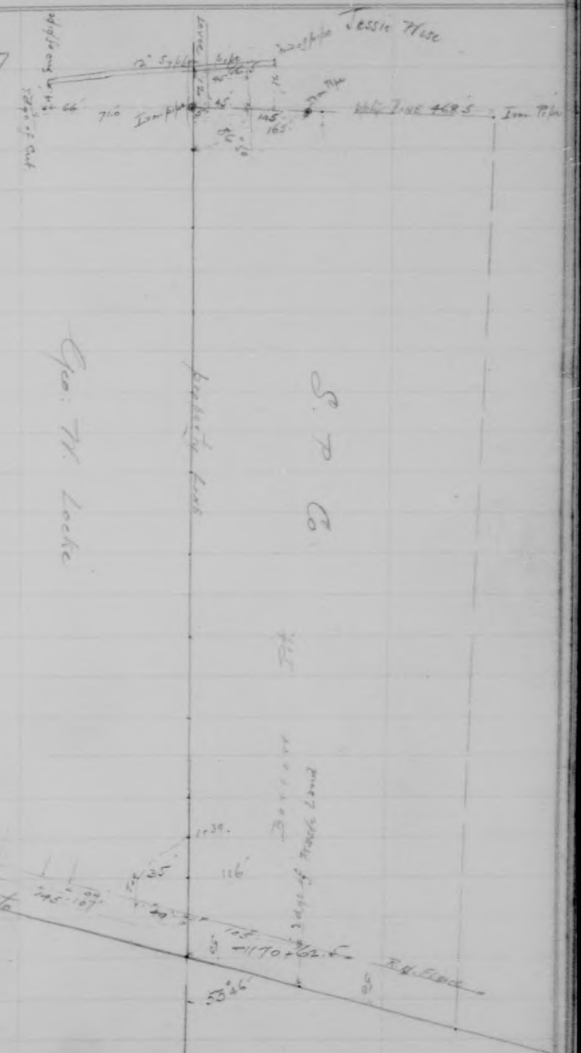
4

3

2

1

1170+62.5 Pty Line
0+00



1752

	Original Cross Section	Notes of Borrowpit.
EG99+50	7.1 340, 7.5 290, 7.5 240, 7.4 227, 5.0 205, 8.5 188, 13.1 173	13.0 171, 8.3 160, 7.6 150, 6.3 140
699	7.1 340, 7.5 290, 7.2 240, 7.2 224, 5.2 202, 8.6 185	12.0 40; 13.2 175, 13.0 173, 9.5 160, 8.0 150, 6.6 140, 6.1 130, 5.4 118, 5.7 109, 5.1 89, 5.6 64, 8.6 58, 8.6 52
698+50	7.5 340, 7.5 290, 7.5 240, 7.1 225, 5.4 204, 8.6 189	13.1 173, 13.2 172, 8.7 161, 7.7 149, 6.7 140
698	7.1 340, 7.6 290, 8.0 240, 7.2 222, 5.5 204, 7.0 197, 13.2 175	13.8 173, 9.0 161, 9.0 154, 7.4 145, 6.7 130, 6.9 120, 6.0 110, 6.2 88, 6.1 66, 9.3 60, 9.6 50, 13.2 40
697+50	7.9 340, 7.5 290, 7.9 240, 8.0 223, 5.7 205, 13.8 175	13.2 173, 9.6 160, 9.0 154, 7.1 140
697	8.3 340, 6.5 305, 5.1 285, 7.8 259, 8.0 256, 8.2 231, 5.6 207, 14.2 175	14.1 173, 9.2 111, 9.2 155, 7.5 146, 6.8 130, 7.0 118, 6.4 103, 6.1 88, 6.7 67, 9.3 59, 9.5 51, 13.2 40
696		8.5 145, 7.2 130, 6.4 115, 5.0 94, 6.1 69, 9.6 54, 10.5 49, 14.6 40
695		8.8 150, 6.8 130, 6.3 110, 5.4 90, 6.4 69, 9.7 60, 11.1 48, 14.7 40
694		8.4 146, 6.5 130, 6.2 110, 5.7 94, 6.0 67, 8.8 61, 9.3 48, 12.9 40
693		7.7 146, 6.8 142, 6.3 130, 5.6 110, 5.1 90, 5.7 66, 8.2 61, 8.6 50, 12.4 42
692		6.6 149, 6.1 130, 6.4 118, 5.1 109, 4.7 92, 5.6 67, 7.2 62, 8.5 52, 11.8 43
691		6.9 134, 6.4 130, 6.4 116, 5.1 109, 5.3 89, 6.1 65, 8.4 62, 8.5 51, 11.2 43
690		7.5 150, 6.5 130, 5.7 109, 5.3 91, 6.2 65, 8.5 61, 9.3 50, 12.6 43
689	7.7 150	6.5 135, 7.0 130, 7.1 114, 5.9 104, 5.9 88, 6.2 70, 8.8 60, 9.3 52, 11.8 45

Original Cross Section Borrowpit, Sta. 700 on, Continued in Book of Office No. 44, page 4.

Pages ~~41~~ 46 Used In Final Estimate No. 39

1753

Original Cross Section	Notes of Borrowpit.								
E 688	8.1 / 150	7.3 / 130	7.8 / 118	5.8 / 106	5.7 / 88	5.5 / 75	6.0 / 65	8.8 / 60	9.0 / 52	12.0 / 44
687		6.2 / 144	6.0 / 130	7.3 / 118	5.6 / 100	5.7 / 81	5.8 / 68	8.6 / 61	8.4 / 51	11.5 / 45
686	6.2 / 145	5.9 / 130	6.6 / 119	5.2 / 108	5.0 / 93	5.2 / 74	5.7 / 66	8.0 / 60	8.2 / 57	10.7 / 44
685			6.2 / 146	5.9 / 130	5.9 / 112	4.3 / 93	5.3 / 77	8.0 / 60	8.2 / 50	10.6 / 43
684			8.7 / 160	5.6 / 130	5.4 / 110	3.6 / 94	5.2 / 75	8.0 / 62	8.3 / 50	10.8 / 44
683	6.2 / 160	5.1 / 149	7.2 / 130	5.7 / 119	5.4 / 111	4.7 / 86	4.8 / 74	6.3 / 65	7.8 / 61	8.2 / 53	11.5 / 43
682		8.0 / 155	8.0 / 130	8.0 / 119	5.1 / 106	4.8 / 93	5.3 / 70	7.2 / 62	8.3 / 53	11.3 / 43
681	7.7 / 160	7.4 / 130	7.6 / 122	5.4 / 116	4.8 / 104	4.6 / 88	5.2 / 69	7.4 / 63	8.2 / 52	11.1 / 41
680	7.4 / 160	7.9 / 130	8.0 / 120	6.8 / 117	5.1 / 106	4.6 / 92	5.5 / 70	7.2 / 62	8.4 / 51	12.2 / 39
679				7.9 / 160	8.2 / 130	6.2 / 103	5.2 / 96	4.8 / 69	5.2 / 38.5
678				7.8 / 160	8.0 / 130	8.3 / 95	6.7 / 90	5.8 / 61	5.7 / 36
677				7.2 / 160	8.3 / 130	8.6 / 100	7.2 / 80	9.0 / 58	9.0 / 32
676					8.0 / 160	8.7 / 130	8.2 / 100	9.3 / 57	9.0 / 32.5

1754

Original Cross Section | Notes of Borrowpit.

E675

674

673

E672

7.5 / 160	7.9 / 130	8.6 / 100	9.1 / 59	8.4 / 33	
7.5 / 160	8.1 / 130	8.5 / 100	9.0 / 59	7.9 / 34	
7.8 / 160	8.4 / 130	9.4 / 100	10.5 / 68	9.9 / 59	7.1 / 34.2
7.9 / 160	7.9 / 130	7.7 / 100	6.7 / 87	5.6 / 67	4.5 / 58

Borrowpit Original Cross Sections continued from Final Cross Section Book No 2, page 56.

1755

Tolly 28.00

II 900 74 16/75.0 -3.9/80.0 -7.0/85.0 -16/90.0 -75/100.0 -81/110 -98/120.0 -101/130.0 -50/140.0 -63/150.0 -52/160.0 -41/170.0 -29/180.0 +05/190.0

-10/200.0 +05/210.0 1.6 HO/218.0 49/3.21

911 630 16/62.5 +05/70.0 -39/80.0 -48/90.0 -58/100.0 -106/110.0 -114/120.0 -106/130.0 -106/140.0 -110/150.0 -82/160.0 -14/170.0 +10/180.0 -15/190.0

+10/190.0 +18/200.0 1.6 HO/206.0 01/20

1756

Original Cross Sections West of "A" Line

4708+50	23.0 / 8.0	23.0 / 10.0	23.4 / 20.0	20.6 / 25.0	18.8 / 30.0		17.7 / 35.0	16.9 / 40.0	15.0 / 45.0	15.6 / 50.0	13.4 / 55.0	12.9 / 59.5
708	23.4 / 10.0	23.4 / 20.0	20.0 / 27.5	18.7 / 30.0	17.0 / 35.0	16.5 / 40.0		14.9 / 45.0	15.0 / 50.0	15.0 / 55.0	14.0 / 60.0	14.0 / 64.5
707+50	22.5 / 20.0	20.2 / 25.0	21.0 / 30.0	17.7 / 37.0	16.5 / 40.0	16.0 / 45.0		15.0 / 50.0	13.9 / 55.0			
707	19.7 / 20.0	19.0 / 25.0	18.8 / 35.0	18.5 / 40.0	17.4 / 50.0	16.5 / 55.0		15.2 / 60.0	14.9 / 65.0			
706+50	18.4 / 10.0	18.6 / 17.0	19.5 / 20.0	20.0 / 27.0	19.0 / 30.0	16.8 / 40.0		16.0 / 50.0	15.0 / 55.0	14.0 / 60.0	13.9 / 65.0	14.0 / 69.5
706	21.6 / 20.0	21.9 / 25.0	21.4 / 35.0	18.6 / 40.0	17.0 / 45.0	15.4 / 50.0		16.5 / 55.0	16.5 / 60.0	14.5 / 65.0		

1757

Original Cross Sections at HE Chord — H Line — 255

W.S. 3 P.M. March 8 1910

4715	12.2 / 50.0	12.4 / 100.0	13.5 / 138.0	17.6 / 152.0		19.7 / 190	24.0 / 181.0	26.2 / 189.0	26.2 / 205.0	20.4 / 216.0	17.1 / 228.0	15.1 / 244.0	11.8 WS / 249.0		
714+50	10.1 / 50.0	12.4 / 110	13.5 / 99.0	18 / 110.0	15.0 / 100.0		21.2 / 139.0	23.3 / 149.0	25.4 / 154.0	21.7 / 172.0	17.5 / 183.0	13.6 / 199.0	11.0 WS / 201.5		
714	11.7 / 50.0	12.2 / 80.0	15.1 / 87.0	20.1 / 100.0	22.2 / 104.0		24.2 / 111.0	23.8 / 122.0	22.3 / 126.0	19.5 / 133.0	16.8 / 145.0	14.3 / 168.0	12.5 / 171.0	11.8 WS / 178.0	
713+50	10.0 / 50.0		13.5 / 56.0	15.3 / 62.0	19.0 / 69.0		22.5 / 77.0	24.2 / 80.0	24.2 / 94.0	21.9 / 100.0	17.6 / 111.0	15.6 / 125.0	16.0 / 130.0	15.5 / 138.0	11.5 WS / 147.0
713	18.7 / 26.0	13.8 / 34.0	18.3 / 44.0	21.3 / 50.0	24.1 / 53.0		24.8 / 57.0	25.0 / 70.0	23.6 / 75.0	18.8 / 88.0	14.5 / 112.0	11.8 WS / 117.0			
712+50	19.7 / 30.0	23.4 / 37.0	24.8 / 40.0	24.5 / 50.0	23.9 / 54.0	21.0 / 63.0		19.8 / 65.0	18.0 / 70.0	17.7 / 75.0	17.0 / 80.0	15.8 / 88.0	11.8 WS / 91.0		
712	22.2 / 20.0	26.3 / 26.0	25.4 / 30.0	24.9 / 40.0	23.6 / 44.0	20.6 / 50.0		17.1 / 60.0	16.1 / 67.0	15.6 / 70.0	14.1 / 76.0	12.2 / 80.0	11.9 WS / 81.0		
+50	24.9 / 19.2	25.2 / 30.0	23.9 / 35.0	21.5 / 40.0	19.6 / 48.0	17.5 / 50.0		15.7 / 60.0	15.3 / 61.5	11.9 WS / 62.5					
711	24.5 / 12.0	25.7 / 18.0	25.3 / 20.0	25.7 / 25.5	23.0 / 28.0	19.2 / 36.0		18.1 / 40.0	16.4 / 50.0	14.9 / 55.0	11.5 WS / 58.0				
+60	26.0 / 10.0	25.5 / 12.0	25.4 / 20.0	25.4 / 26.0	23.0 / 31.0	19.2 / 36.0		17.7 / 37.0	16.4 / 46.0	15.3 / 50.0	13.6 / 58.0	11.9 WS / 58.5			
710	24.8 / 10.0	25.2 / 20.0	24.3 / 24.0	20.2 / 30.0	18.0 / 35.0	14.4 / 40.0		15.6 / 50.0	14.6 / 54.5	11.9 WS / 56.0					
+50	24.6 / 10.0	24.5 / 20.0	22.4 / 26.0	20.1 / 30.0	17.8 / 35.0	16.6 / 40.0		15.5 / 50.0	14.0 / 53.5	11.9 WS / 55.0					
709	23.7 / 10.0	24.1 / 20.0	21.7 / 26.0	19.1 / 30.0	17.7 / 36.0	17.1 / 40.0	15.5 / 50.0		14.8 / 53.0	11.9 / 54.5					

1758

Original Cross Sections.

On Left.

830							
831	1.1/90.0	1.1/90	1.1/140.0	1.1/370.0	2.0/370		
832	+0.8/90.0	-0.2	+0.8/140.0	+1.0/370.0	1.8/370.0		
833	1.2/90.0		1.2/140.0	1.2/370.0	2.0/370.0		
834	1.4/90.0		1.4/140.0	1.4/370.0	2.0/370.0		
835	-0.9/90.0		-0.9/140.0	1.1/370.0	2.1/370.0		
836	-0.7/90.0		-0.7/90.0	0.9/168.0	0.4/170.0	0.8/370.0	2.0/370.0
837	-1.4/90.0		-1.1/90.0	0.0/150.0	+0.3/170.0	0.6/370.0	1.8/370.0
838	-1.0/90.0		-0.4/90.0	+1.0/150.0	+1.0/170.0	+1.1/370.0	2.0/370.0
839	1.6/90.0		-0.9/90.0	+0.6/150.0	1.0/170.0	+1.2/370	2.1/370.0
840	1.5/90.0		+0.3/90.0	+0.7/150.0	0.7/170.0	1.4/170.0	1.5/370.0	3.0/370.0
841	0.9/90		0.9/100		1.0/370	2.0/370.0	
842						2.0/370	

1759

B.M's

B.M. #1		3.587	11.233	7.662
#2		.5331	11.151	.5413 .5820
#3		3.054	15.612	4.558 6.608
#4	on G.W.P.Co Tower on bolt	1.184	15.928	1.118 14.544
#5	on oldtree	4.928	15.683	4.318 11.810
		4.955	16.510	3.924 11.955
				8.708 7.802

1760

B.M.#1 on Wind Mill knob 100' Rt #7+00.90	9.21	17.446		12.225
B.M.#2 shot foot of fence post 50' Rt #11+35.50	5.219	15.020	9.646	7.801
B.M.#3 " " " " " " " " 14+28.50	6.000	14.992	4.148	8.992
B.M.#4 " " " " 7.21	9.159	15.947	8.104	6.788
B.M.#5 on small stump " 100' Rt 7+85.55	15.070	27.036	3.591 23.858	11.966
T.P.	2.007	25.491	3.552	23.484

1761

Original X Sections

H 9 III	105/635	10.1 / 66°	10.9 / 88°	11.5 / 95	9.5 / 97°	8.8 / 107°	7.6 / 121°	7.2 / 147°	6.0 / 158°	7.5	

1762

T 1116	4.2	loam	6.3		Similar to samples from T 1115 & 4 Compact Sand 4.5 Hard compact Sand (c) Difficult Boring
T 1115	4	peat	format 3' Soft Clay 100		5' Hard compact Sand, 5 Very hard difficult boring
T 1114	3.2	"	" 3.3'		Blue clay 5' Compact Sand, 1' 5' Hard pan
T 1113	3.5	"	" 4.5	Bluecly	3' yellow clay and Sand 1'
T 1112	3.6	"	" 7.2	" "	4.2' Yellow clay an Sand
T 1111	3.9	"	" 8.1	" "	3' " " "
T 1110	6.0	"	" 9	" "	" Soft
1109	10'	"	" 5	"	

1763

T1108	10'	Peat formation	1' Blue Clay. No difficulties
D1108	6'	" "	9 Soft Blue Clay " "
D1107	5½'	" "	9½ " " " " "
D1106	5	" "	5 " " " 5 Stiff Blue Clay
D1105	4½	" "	3 " " " 2½ " " "
1104	4.9'	" "	5' Clay and Sand. 4' Soft Clay 6' Clay & Sand
1103	6'	" "	5.5 Soft Blue Clay 2.5 Clay and Sand

1764

DRAINAGE DITCH STA. T 1156

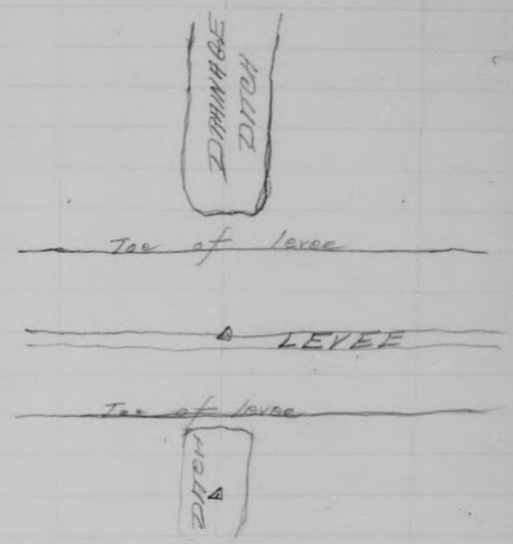
DE.017 07

7

+40
+09
4
+76.2 Δ 0.0
+50
+31
3
2+81.2 Δ 38°27½' L N82°30'W

+76
+50
2+10.0
+50
1+10.0 Δ 20°7' Rt. N44°0'W
0+75
0+50
0+25
T 1156
0+0.0 Δ 90°0' Rt. N64°0'W

N82°30'W
N43°37½'W
N64°0'W



Δ 1+0.0

Δ T 1156+0.0
=
0+0.0

1765

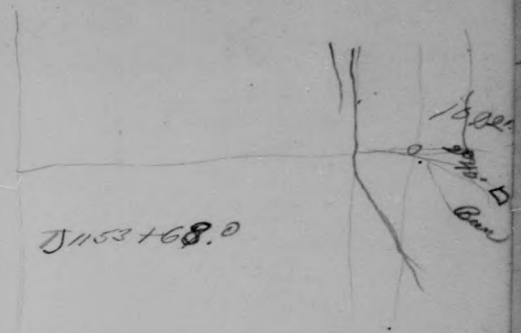
0+48.0	0+26	0+0.0	0+65	0+25	0+50	0+67.2
+3.9	+3.9	+3.6	+3.4	+4.2	+5.0	+5.3
+3.9	+3.9	+3.5	+3.4	+4.3	+4.8	+5.3
+3.8	+3.8	+3.5	+3.4	+4.3	+4.7	+5.2

	Lt.	a	Rt	Average
	0.8	12.2.23		11.423
0+67.2	4.3	4.3	4.2	4.0
0+50	4.1	3.9	3.8	+.01
0+25	3.5	3.6	3.6	+0.5
0+65	2.9	2.9	2.9	+0.5
T1156 0+00	3.0	2.9	2.9	0.4
0+25	3.1	3.1	3.0	0.2
0+48.2	2.9	2.9	2.8	0.0

1766

	B.S	H.I		Elev
	5.794	18.564		12.770
	4.225	15.307	7.482	11.082
	4.307	17.077		12.770
	1.542	18.405	214	11.863
			7.560	5.895

0	2.0	
0+03	1.5 W.S	bank of dredged
0+10	-2.5	
0+25	-10.5	
0+40	-7.5	
0+75	8.0	
1+00	-8.5	
1+25	-5.5	
137	15 W.S	
148.5	5.6	
164	9.9	
196	18.2	
202	18.7	
223	19.6	
255	19.9	
300	7.9	
320	2.2	
389	-0.6	Top



D 1153+68.0

783+28.0

+1176

43.5
10.9

906+16 +234
+26 12.5
+53 12.9
776.0 17.5
+85.0 23.6
907 23.6

906+16 = 0.0 23.5
+5 = 23.0
+22 13.9
++.48 4

1767

167.8
22.3
2.5
202.6
198

B.1/2 Exhaust
G.D.Q

B.O.

11.594
1.170
12.764
6.98
5.804
10.05
15.854

410.39
4.5
415

14.783
1.160
15.893
3.720
1.924
14.783
16.657

12.176
4.800
16.976
1.752
15.221
3.665
18.816

12.178
5.802
17.975
1.
15.221
2.720
17.941
3.488
14.456
4.285
18.691

14.783
3.380
18.163

5.80
2.40
2.50
1.56
proline
2.71 1.415
2.02 Painted floor

1768